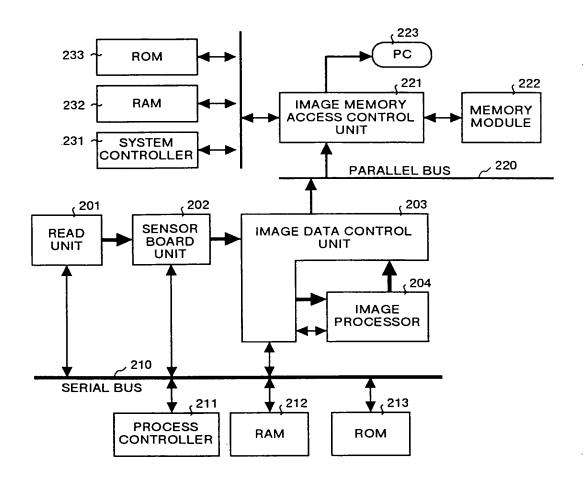


FIG.3



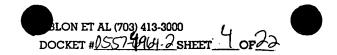
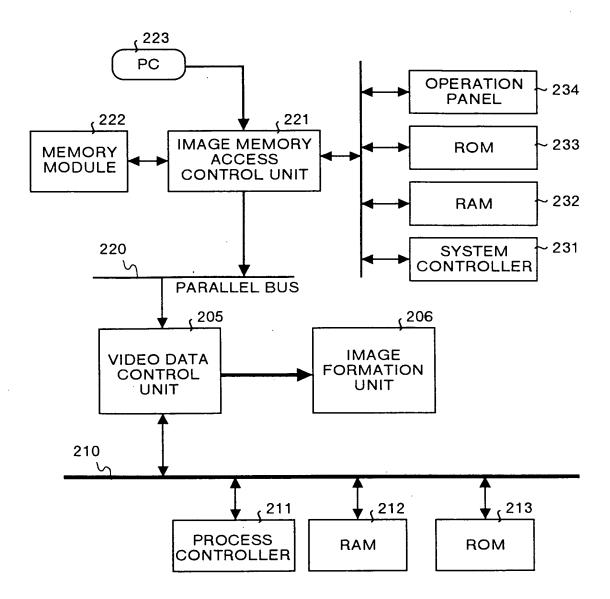
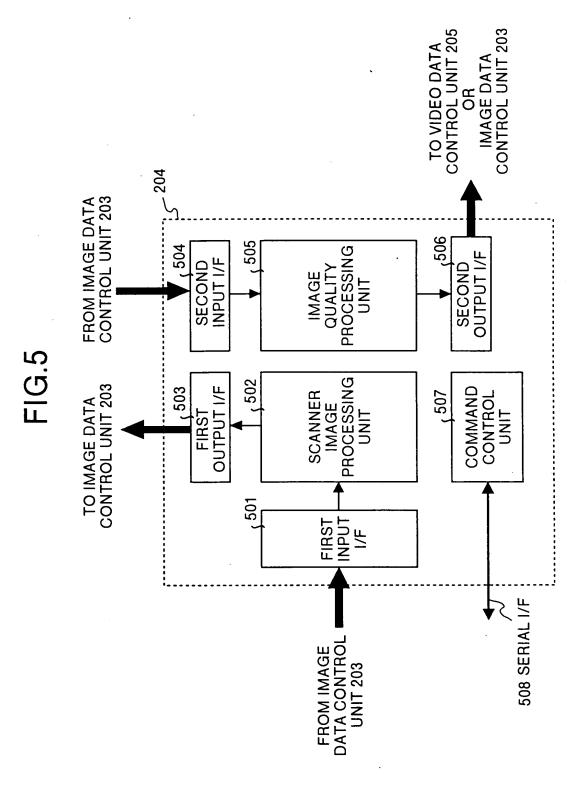


FIG.4



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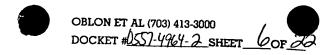


FIG.6

IMAGE DATA CONTROL UNIT 203 OR VIDEO DATA CONTROL UNIT 205

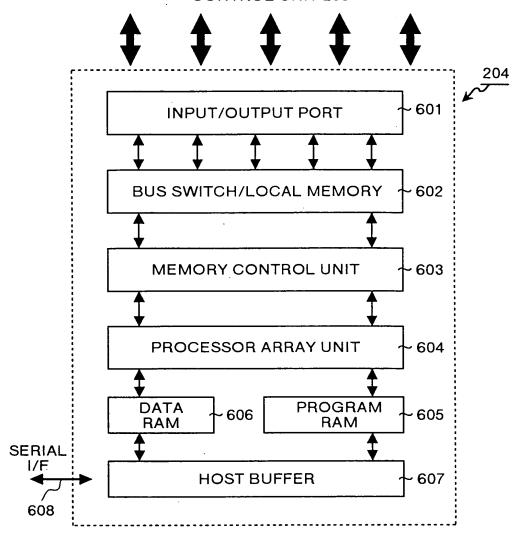
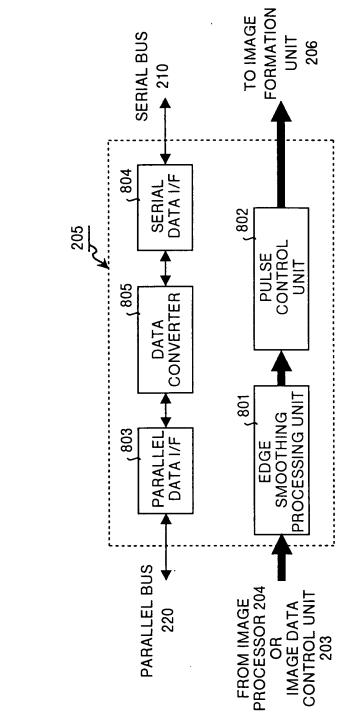


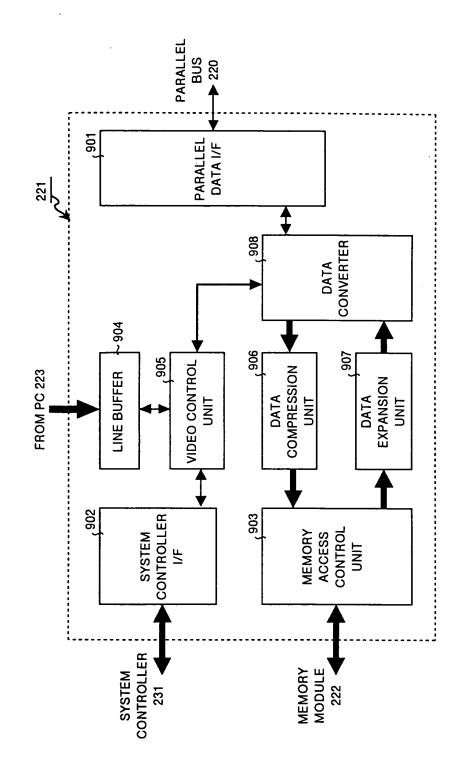


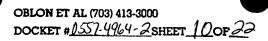
IMAGE : PROCESSOR 204 SERIAL BUS 210 PARALLEL BUS 220 708 PARALLEL DATA I/F FIRST SERIAL DATA I/F SECOND SERIAL DATA DATA
CONVERTER 203 704 CONTROL UNIT DATA COMPRESSION , 703 COMMAND EXPANSION UNIT DATA, LINO 701 CONTROL UNIT CONTROL UNIT INPUT/OUTPUT CONTROL UNIT , 702 IMAGE DATA INPUT , 707 IMAGE DATA IMAGE DATA OUTPUT TO IMAGE PROCESSOR **PROCESSOR BOARD UNIT** SENSOR FROM IMAGE 204 202

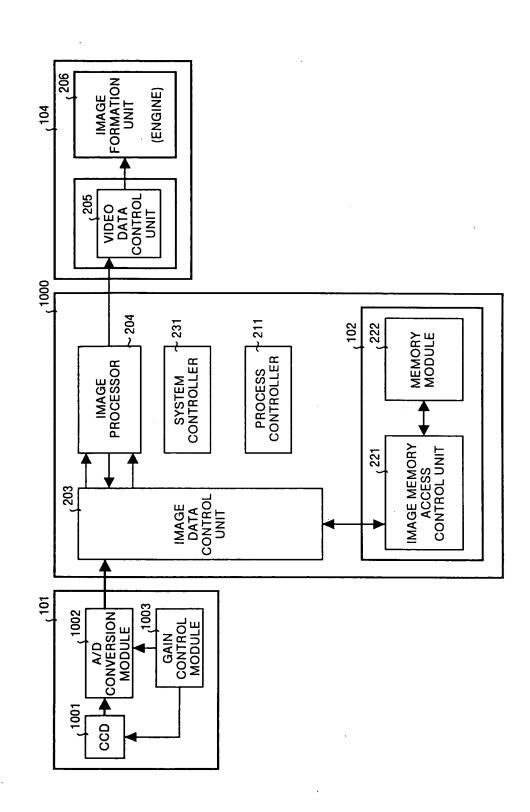
OBLON ET AL (703) 413-3000 DOCKET #1557-4914-2 SHEET 8 OF 22



OBLON ET AL (703) 413-3000 DOCKET #1557-4964-2 SHEET 90F22

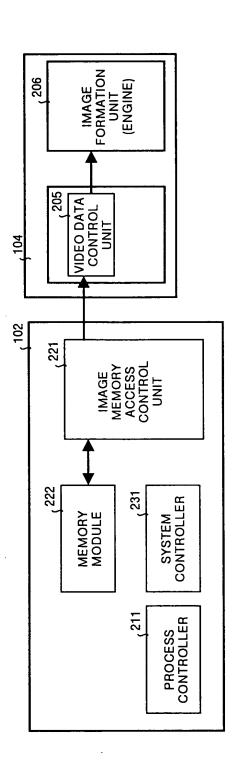






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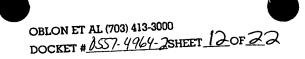


FIG.12

COLUMN j-2 j-1 j j+1 j+2 i-2 C E · D Α В i-1 F G Н J M Ν 0 K L row i i+1 S Р Q R T i+2 Ú V W X Y

OBLON ET AL (703) 413-3000
DOCKET #0557-4964-2-SHEET 3 OF 22

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FIG. 13

SDATA				Sn		
D DATA				Du		
C DATA				S		

FIG. 14

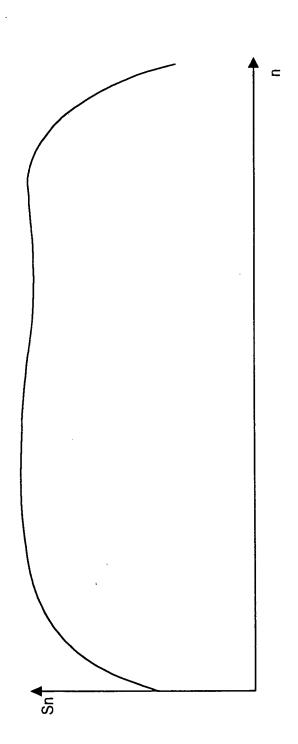


FIG.15

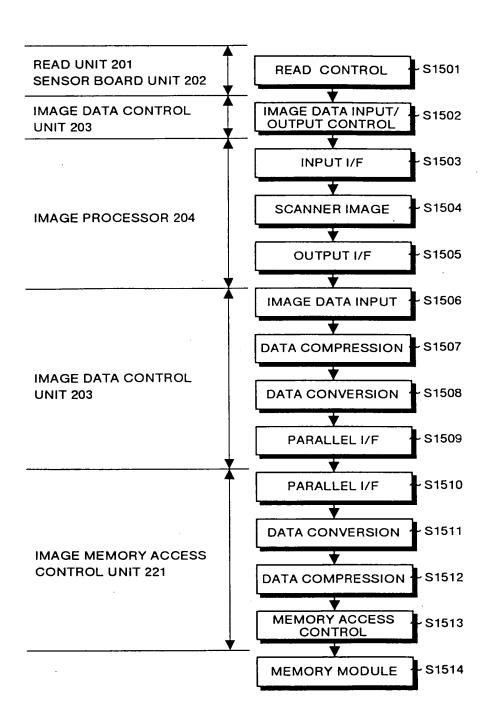
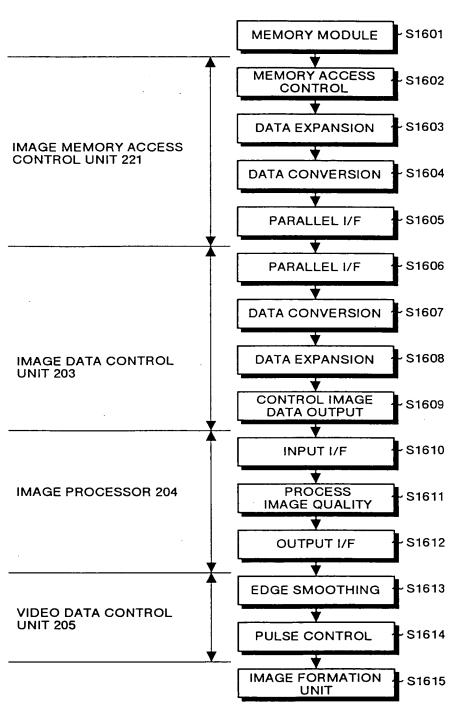


FIG.16



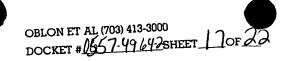
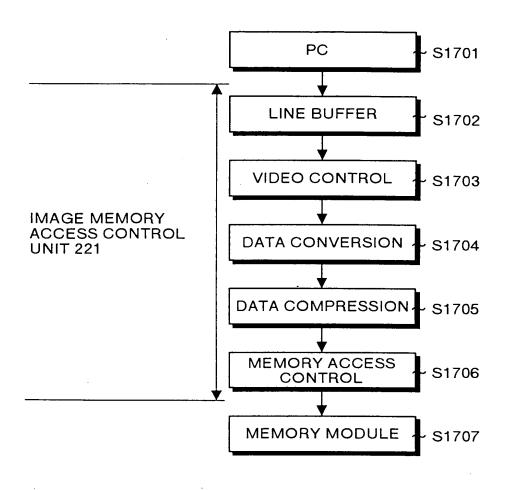


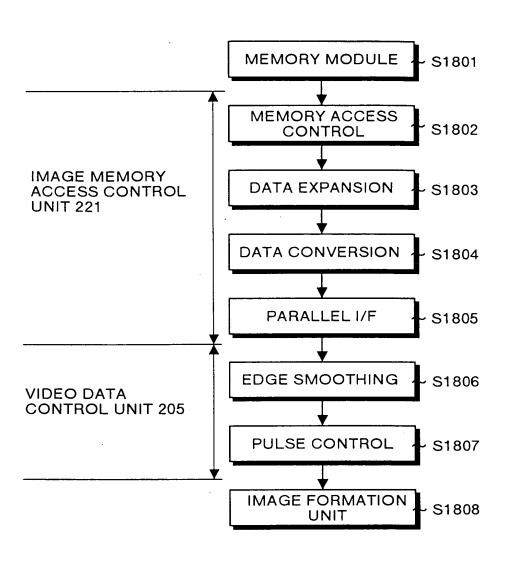
FIG.17



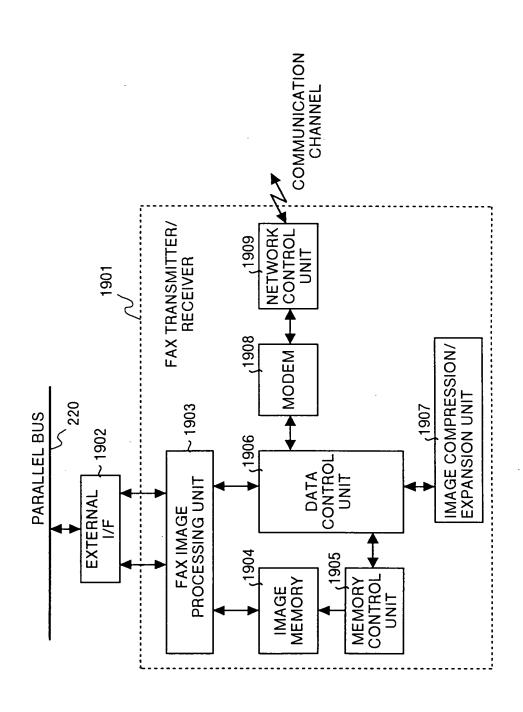
OBLON ET AL (703) 413-3000

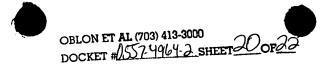
DOCKET # 1557-4964-2 SHEET 18 OF 22

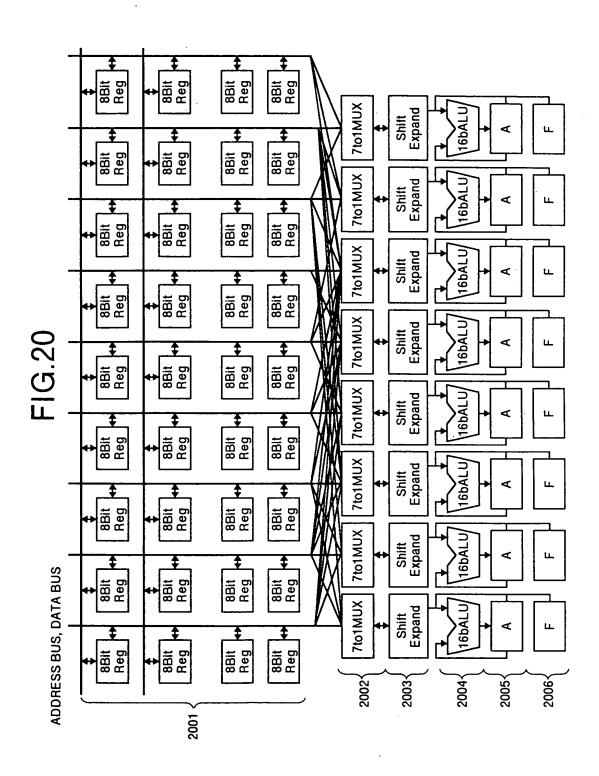
FIG.18











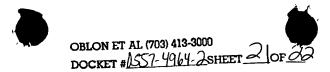
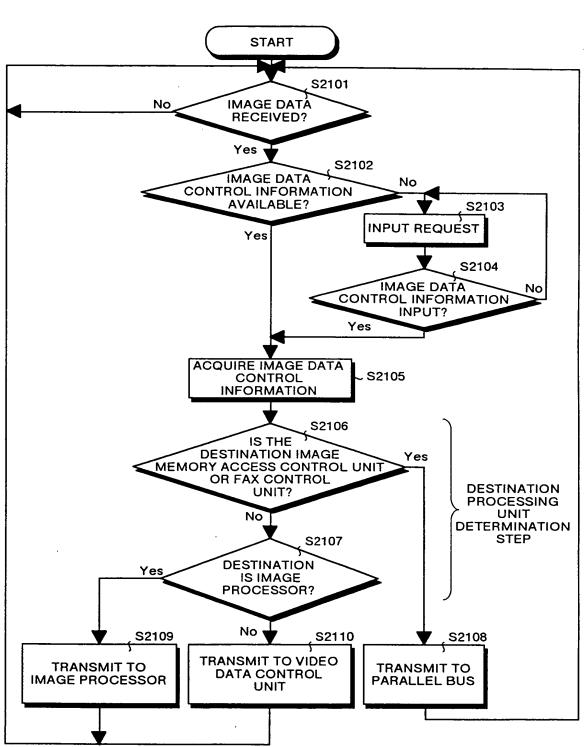
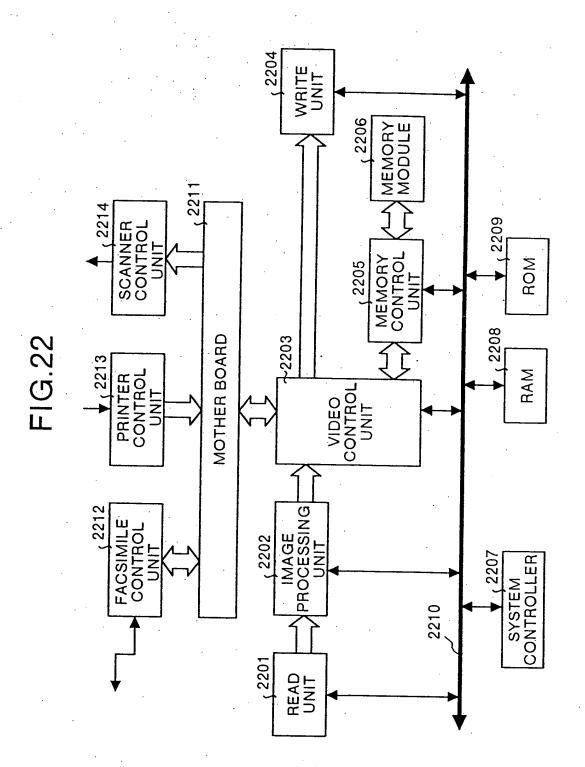


FIG.21





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